



**TROPICAL CYCLONE BULLETIN NO. 4**

**Tropical Depression “AMANG”**

Issued at 11:00 PM, 11 April 2023

Valid for broadcast until the next bulletin at 2:00 AM today

**“AMANG” SLIGHTLY WEAKENS AS IT MAKES LANDFALL IN THE VICINITY OF PANGANIBAN, CATANDUANES**

<b>Location of Center (10:00 PM)</b>	
The center of Tropical Depression “AMANG” was estimated based on all available data <b>in the vicinity of Panganiban, Catanduanes (13.9°N, 124.3°E)</b>	
<b>Intensity</b>	
Maximum sustained winds of <b>45 km/h</b> near the center, gustiness of up to <b>60 km/h</b> , and central pressure of <b>1006 hPa</b>	
<b>Present Movement</b>	
<b>Westward at 15 km/h</b>	
<b>Extent of Tropical Cyclone Winds</b>	
<b>Strong winds</b> extend outwards up to <b>200 km</b> from the center	

**TRACK AND INTENSITY FORECAST**

Date and Time	Center Position			Intensity		Movement dir. and speed (km/h)
	Lat. (°N)	Lon. (°E)	Location	MSW (km/h)	Cat.	
<b>12-Hour Forecast</b> 8:00 AM 12 April 2023	14.0	123.9	60 km Northwest of Virac, Catanduanes or 100 km East of Daet, Camarines Norte	45	TD	WNW 10
<b>24-Hour Forecast</b> 8:00 PM 12 April 2023	14.6	123.0	50 km North of Daet, Camarines Norte or 145 km East of Infanta, Quezon	45	TD	NW 10
<b>36-Hour Forecast</b> 8:00 AM 13 April 2023	15.3	122.1	70 km Southeast of Baler, Aurora	45	TD	NW 10
<b>48-Hour Forecast</b> 8:00 PM 13 April 2023	16.0	121.5	In the vicinity of Nagtipunan, Quirino	-	LOW	NW 10

Prepared by: RPG

Checked by: CFP



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TROPICAL CYCLONE WIND SIGNALS (TCWS) IN EFFECT			
TCWS No.	Luzon	Visayas	Mindanao
<b>1</b> Wind threat: <b>Strong winds</b>	<b>Catanduanes, Sorsogon, Albay, Camarines Sur, Camarines Norte, Quezon including Pollilo Islands, Marinduque, Ticao Island, Burias Island, Rizal, Laguna</b> (San Pablo City, Alaminos, Calauan, Bay, Los Baños, Rizal, Nagcarlan, Victoria, Pila, Liliw, Magdalena, Majayjay, Luisiana, Cavinti, Pagsanjan, Santa Cruz, Lumban, Kalayaan, Paete, Pakil, Pangil, Siniloan, Famy, Santa Maria, Mabitac), <b>Aurora, Bulacan</b> (Norzagaray, Doña Remedios Trinidad, San Miguel, San Ildefonso), <b>Quirino, Nueva Vizcaya</b> (Kasibu, Dupax del Norte, Dupax del Sur, Alfonso Castaneda), <b>Nueva Ecija</b> (General Tinio, City of Gapan, Peñaranda, San Leonardo, Santa Rosa, Cabanatuan City, Talavera, San Jose City, Carranglan, Pantabangan, Llanera, General Mamerto Natividad, Rizal, Bongabon, Laur, Palayan City, Gabaldon) <b>and Isabela</b> (Echague, San Agustin, Jones, Dinapigue, San Mariano, San Guillermo, Palanan, Angadanan, Benito Soliven, City of Cauayan)	<b>Northern Samar</b>	<b>-</b>
	Warning lead time: <b>36 hours</b> Range of wind speeds: <b>39 to 61 km/h (Beaufort 6 to 7)</b> Potential impacts of winds: <b>Minimal to minor threat to life and property</b>		

HAZARDS AFFECTING LAND AREAS
<p><b>Heavy Rainfall Outlook</b></p> <p><b>Forecast accumulated rainfall from tonight until tomorrow evening</b></p> <ul style="list-style-type: none"> <li>50-100 mm: Bicol Region</li> </ul> <p><b>Forecast accumulated rainfall from tonight until Friday evening</b></p> <ul style="list-style-type: none"> <li>50-100 mm: Bicol Region, the northern and southeastern portions of Quezon, and the eastern portions of Rizal and Laguna.</li> </ul> <p>Under these conditions, <b>flooding and rain-induced landslides are possible</b>, especially in areas that are highly or very highly susceptible to these hazard as identified in hazard maps and in localities that experienced considerable amounts of rainfall for the past several days.</p> <p><b>Severe Winds</b></p> <ul style="list-style-type: none"> <li>Areas under Wind Signal No. 1 may experience <b>strong winds (strong breeze to near gale strength)</b> associated with Tropical Depression “AMANG” which may cause <b>minimal to minor impacts</b> to life and property.</li> <li>Should the weakening trend of “AMANG” persist, Wind Signal No. 1 may be lifted in some localities.</li> </ul>
HAZARDS AFFECTING COASTAL WATERS
<ul style="list-style-type: none"> <li>Under the influence of the Tropical Depression, a <b>marine gale warning</b> is in effect over Catanduanes, the eastern coasts of Albay and Sorsogon, and the northern and eastern coasts of Northern Samar and Eastern Samar. For more information, refer to Gale Warning #2 issued at 5:00 PM today.</li> <li>In the next 24 hours, moderate to rough seas (1.2 to 2.8 m) over the eastern seaboard of Central Luzon, Southern Luzon, and Eastern Visayas that are not under any gale warning. <b>Mariners of small seacrafts are advised to take precautionary measures when venturing out to sea and, if possible, avoid navigating in these conditions.</b></li> </ul>

Prepared by:  **RPG**

Checked by:  **CFP**



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#### TRACK AND INTENSITY OUTLOOK

- “AMANG” is forecast to tracking generally westward or west northwestward in the next 12 to 24 hours, which bring its center over the coastal municipalities of Camarines Provinces before turning more northwestward towards the waters east of Quezon, with the possibility of passing near or over the Polillo Islands. A subsequent landfall over Aurora may take place on Thursday afternoon or evening. Based on the forecast confidence cone and considering the weak nature of the depression, the possibility that the depression will continue tracking more westward (i.e., slightly south of the present track forecast) over the Bicol Peninsula and mainland Quezon is not ruled out.
- “AMANG” is forecast to remain a tropical depression for much of the forecast period. It is likely to weaken into a low pressure area by late Thursday due to increasing vertical wind shear, intrusion of dry air, and interaction with the rugged landmass of eastern Luzon.

Considering these developments, the public and disaster risk reduction and management offices concerned are advised to take all necessary measures to protect life and property. Persons living in areas identified to be highly or very highly susceptible to these hazards are advised to follow evacuation and other instructions from local officials. **For heavy rainfall warnings, thunderstorm/rainfall advisories, and other severe weather information specific to your area, please monitor products issued by your local PAGASA Regional Services Division.**

The next tropical cyclone bulletin will be issued at 2:00 AM today.

**DOST-PAGASA**